



Unit : [ inch  
mm

## Outdoor Dome Housing (Wiper/Washer/Sunshield Type)

# A-ODW7WW

**Blower & Heater**  
 2 = 24VAC 25W  
 2(50W) = 24VDC 50W for Cold Area  
 12 = 12VDC 25W  
 12(50W) = 12VDC 50W for Cold Area  
 12(POE+M) = Type 12VDC Blower, Heater and PoE Splitter installed in housing and Midspan are packed in product box. \*4, \*5

**Capsule**  
 C = Clear  
 T = Tinted

**S = Sunshield**  
**Microphone**  
 Nothing = Nothing  
 M = Condenser Microphone \*1, \*2, \*3

**Housing Color**  
 Nothing = Standard (Silver)  
 (OW) = Off-White  
 (DB) = Dark Brown

**\*Optional\* Two-Coat system for Metal Parts(Bracket) for corrosion protection \*4**  
 Blank = Our Standard Anticorrosion Paint(TC)  
 -TTC = Optional Three Coat \*5

6 digits registered model name(UL & PSE)

After 7 digits shows optional specifications

## Specifications

Special Caution: You cannot use Washer System where Washer Fluid may hit pedestrian.

Operating Environment	Outdoor	
Operating Temperature	-50°C(-58°F)~+45°C(113°F) (AC24V/DC12V 50W) -20°C(-4°F)~+45°C(113°F) (POE 60W) Note: Wiper may not operate below zero C(32F) due to icy snow. It is subject to the spec of camera.	
IP Rate	IP55 (Vent Holes "Open")	
Max Wind Load	Products will not be destroyed by maximum 50m/sec (167 ft/sec) wind load. *Safety of 50m/sec (167 ft/sec) was confirmed by actual wind load test. *Safety of 60m/sec (200 ft/sec) was confirmed by our factory test data. (Max Wind Load for Wiper Arm to be tested later on)	
Housing	Material = PC/ABS UL94 V-0 (Housing Top = Aluminum)	Standard Color : Silver Optional Color : [(OW)] = Off-White (RAL9002 Similar) Optional Color : [(DB)] = Dark Brown (Munsell 5YR2/1.5 Similar) *Vandal Resistant M4 Screws x 7 pcs. & Tool Set Model A-VSM4TL is optional.
Capsule	Material = PC UL 94 V-0	Light Loss : [(C)] = Clear = Almost zero [(T)] = Tinted = Approx. 60%
Mounting Bracket	Wall Mount W type	Material = Aluminum Powder Coat Finish Standard Color : Black for Standard Silver Color Housing. Optional Color : [(OW)] = Off-White (RAL9002 Similar) Optional Color : [(DB)] = Dark Brown (Munsell 5YR2/1.5 Similar) *Two-Coat(TC) Corrosion Protection Powder Coat Finish
Washer Tank Box	Material: SUS304, Two-Coat(TC) Corrosion Protection Powder Coat Finish	
Weight	Approx. 13.6kg(30 lbs)	
Recommended Screw	3/8" or M8-M10 Stainless Screw x 8 (Not included in product)	
Heater(Optional)	[(2)] = 24VAC 25W [(12)] = 12VDC 25W [(12(POE+M))] = 12VDC Input 25W Standard(Optional 6W/12W)	[(2(50))] = 24VAC 50W for Extreme Cold Area [(12(50))] = 12VDC 50W for Extreme Cold Area
Blower(Optional)	Auto by Thermostat 4.4°C(40F)=ON 16°C(60F)=OFF 12VDC 1W Manufacturer: Nidec Servo Corporation Model EUDC12D8 12VDC 0.04A 0.5W x 2 units are installed for both 24VAC/12VDC type. Auto by Thermostat 35°C(95°F) = ON 27°C(80°F) = OFF	
Wiper Motor	12VDC 3.5W	
Washer Motor	12VDC 3A (Caution: Must prepare SEPARATE POWER SUPPLY for Washer 3A and Wiper(3A-5A))	
Washer Tank Capacity	1.5L	
Fuse	125V 5A(Size 5.2 x 20mm) for 24VAC Blower & Heater(Extra 1 pc. is provided.) No fuse for 12VDC Blower & Heater.	
Microphone(Optional)	[(M)] = Condenser Microphone for MIC IN without Amplifier (3.5mm Monaural Mini Plug) *1, *2, *3	
Standard & Compliance	RoHS, UL(File# E313815), CE, EAC, RCM	

\*1 You may be annoyed by the noise of blower when it is on.

\*2 You need to consult with us in advance when you need optional Microphone with Amplifier Model A-AUD1 for LINE IN.

\*3 We are unable to take any responsibilities for the troubles such as an intrusion of privacy caused by the use of Microphone.

User's discretion is advised and User is required to abide by the local law.

\*4 \*Optional\* Two-Coat system comprises 1 coat = powder coating primer (Epoxy base) and Top coat = UV resistant (Polyester base) powder coating based on our standard.

\*5 Before Two Coat(TC), Cation Electrodeposition will be added. (For details, click our website top "Anti-Corrosion Paint")

**ASC**  
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